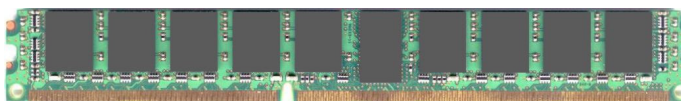


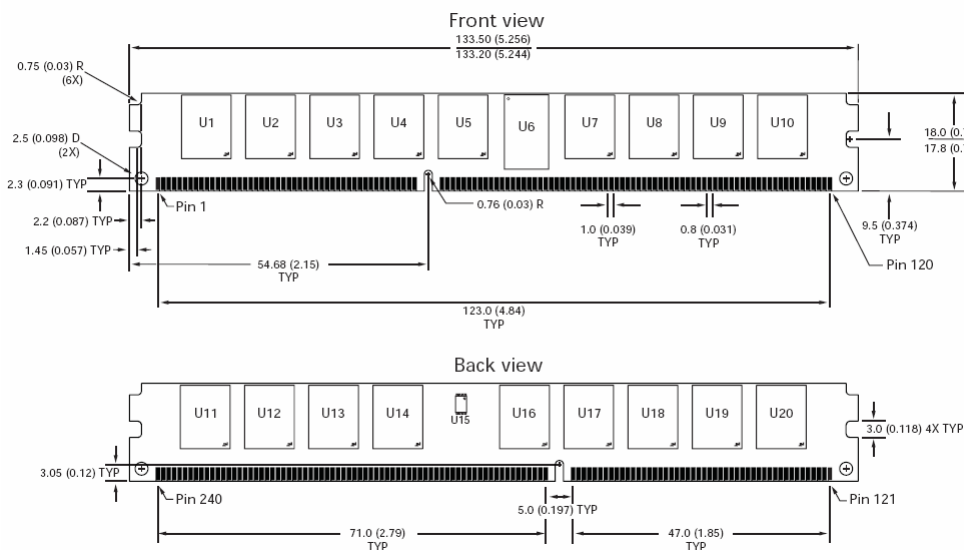
Products in Family

GRIHS22L/2GB (1 x 2GB 1Rx4 VLP DDR3L-1333 DIMM)
GRIHS22L/4GB (1 x 4GB 2Rx4 VLP DDR3L-1333 DIMM)
GRIHS22LS/4GB (1 x 4GB 1Rx4 VLP DDR3L-1333 DIMM)
GRIHS22L8/4GB (1 x 4GB 2Rx8 VLP DDR3L-1333 DIMM)
GRIHS22L3/8GB (1 x 8GB 2Rx4 VLP DDR3L-1333 DIMM)
GRIHS22L/8GB (1 x 8GB 2Rx4 VLP DDR3L-1066 DIMM)
GRIHS22L/16GB (1 x 16GB 2Rx4 VLP DDR3L-1333 DIMM)



Features	Description
240-pin JEDEC-compliant Very Low Profile (VLP) DIMMs 133.35 mm wide by 18.7 mm high (.738" x 5.25") Data Transfer Rate: up to 10.6 Gigabytes/sec Operating Voltage: 1.35 V ± 0.075 Error Checking and Correction (ECC) bits Supports Intel SDDC and Chipkill Advanced ECC Features Fully RoHS Compliant	Each GRIHS22L upgrade consists of a matched pair of DDR3L Registered VLP DIMMs with address/command parity functionality. One 2K-bit EEPROM is used for Serial Presence Detect and a combination register/PLL with Address and Command Parity is also used. A thermal sensor accurately monitors the DIMM module and can prevent exceeding the maximum operating temperature of 95C. These DIMMs have a heat shield.

Dataram Product	IBM Product	Supported in these IBM systems:
GRIHS22L/2GB GRIHS22L/4GB GRIHS22LS/4GB GRIHS22L8/4GB GRIHS22L3/8GB GRIHS22L/8GB GRIHS22L/16GB	46C0561 46C0567 46C0563 46C0564 46C0568 46C0569 46C0599	BladeCenter HS22 (7870), HS22V (7871)



Notes

Tolerances on all dimensions except where otherwise indicated are ± 0.13 (.005).
All dimensions are expressed in millimeters.